MEDICAL DEPARTMENT.

VICTORIA HOSPITAL, BANGALORE.

1. Notice is hereby given that sealed tenders will be received up to 7 A.M., on Monday the 12th December 1904, by the Surgeon in charge, Victoria Hospital, Bangalore, for the supply by contract of all articles of diet, etc., required for the use of the said Hospital from 1st January to 31st December 1905. The probable quantities required for the year are shown in the annexed schedule.

2. No tenders will be received after the date above mentioned.

3. Tenders to be superscribed "Tenders for the supply of provisions for the Victoria Hospital."

4. Each tender must be accompanied by a Bank or a Treasury receipt for Rs. 200 placed to the credit of the Surgeon in charge, Victoria Hospital, Bangalore.

5. Tenders will be opened by the Surgeon in charge at his office in the Victoria Hospital on Monday the 12th December 1904.

6. All tenders must specify the rate at which the following articles can be supplied in weights and measures (as the case may be) per rupee. All articles so supplied shall be of the best quality; any article rejected shall be forthwith supplied of proper quality, if not, shall be purchased by the Steward and paid for by the contractor.

7. The Surgeon in charge reserves to himself the right of rejecting any tender without assigning any reason for so doing.

8. The deposit of successful competitor will be retained and will be forfeited if he fails to execute the contract bond or to furnish security to the amount of Rs. 1,000 in cash or Government bonds within one week from the date of the acceptance of his contract being made known to him.

9. No advance of cash will be made to the contractor. Payment for the articles supplied will be made as soon as possible after the 1st of each month.

10. A store room will be made over to the contractor in which he can keep all non-perishable articles. Perishable articles such as meat, etc., must be at the Hospital by 7 A.M. daily, for the inspection of the Resident Medical Officer.

11. The contract must not be sub-let.

12. A fine not exceeding Rs. 50 will be levied at the discretion of the Surgeon in charge for any infringement of the stipulation of the contract or for the supply of inferior articles, and if frequently violated, the contract will be annulled and the security confiscated.

13. The decision of the Senior Surgeon and Sanitary Commissioner to the Government of Mysore to be final in all questions of infringement of contract.

14. The contractor should be prepared to supply any other article or articles at market rate in addition to the above as required.

Articles.		Probable quantities required for the year.
A. DIET ARTICLES.		
Arrack	bts.	75
Arrowroot	lbs.	300
Do Speeds	"	10
Barley	"	350
Beef	"	50
Benger's food	tins.	10
Brand's essence of chicken, tin	No.	150
Brand's essence of mutton, tin	"	60
Brandy	bts.	450
Bread, 1st sort	lbs.	12,000
Butter	"	325
Chicken	No.	7,000
Coffee	lbs.	7,000
Corn-flour	"	50
Curry-stuff (to be prepared according to the ingredients given).	"	300
Dal	"	1,000
Eggs (to weigh 1½ oz. each)	No.	7,000
Flour, wheat	lbs.	400
Firewood casuarina (in billets to fit the cooking and gas stoves of the Hospital not exceeding 1¾ ft. in length).	lbs.	240,000
Fish		100
Garlic	"	20
Ghee	"	450
Ice	"	1,700
Lemonade, split	bts.	120
Limes	No.	350
*Milk (in pints of 20 oz. each)	pts.	50,000
Mellin's food	bts.	25
Mutton with bone (⅔ meat and ⅓ bones).	lbs.	3,000
Mutton without bone	"	12,000
Sheep's feet	No.	500
Onions	lbs.	700
Pepper	"	35
Potatoes	"	700
Plantains	No.	300
Port wine	bts.	12
Rice, 1st sort, raw	lbs.	15,000
Sago	"	10

*Cows to be milked in the Hospital in the presence of the Steward.

Articles.		Probable quantities required for the year.
Salt (common)	lbs.	750
Do table	„	15
Soda water splits	bts.	6,000
Sojee	lbs.	2,000
Sugar, white, 1st sort	„	4,000
Tamarind	„	350
Tea	„	25
Turmeric	„	10
Whisky	bts.	12
Vegetables	lbs.	5,000
B. HOSPITAL NECESSARIES		
Brooms, common	No.	500
Do cocoanut	„	300
Charcoal	lbs.	1,000
Chatties	No.	120
Chimneys, large	„	5
Do medium	„	5
Do small	„	5
Chunam	lbs.	800
Do brushes	No.	12
Coir cocoanut	lbs.	500
Cotton for dressings	„	2,000
Goglets	No.	40
Kerosine oil	galls.	3,300
Ladles (cocoanut)	No.	100
Lamp-wick, kerosine, broad	yds.	15
Do do, narrow	„	15
Lamp oil	lbs.	50
Match-boxes	No.	600
Mullays	„	500
Mats, common	„	40
Night chatties, broad	„	100
Sieves, bamboo	„	10
Tar	lbs.	100
Tin pots	No.	150
Water pots, large	„	12
Do medium	„	12
Do small	„	
C. CONTINGENT ARTICLES.		
Baskets, large	No.	100
Buckets, zinc	„	25
Books for prescription	No.	120
Bottles, empty	„	200
Cloth, bandage double breadth	pieces	600
Do dressing	yds.	700
Do dungry	„	50
Flannel for bandages	„	70
Funnel, tin	No.	10
Needles	„	200
Safety pins	„	2,000
Soap, bar	lbs.	240
Do carbolic	„	125
Do country	„	480
Do Europe	cakes	800
Do monkey brand	„	300
Soap-nut	lbs.	300
Straw	bundles	400
Thread sewing cards	No.	200
D. COUNTRY MEDICINES.		
Alum	lbs.	25
Ammonia Chloride	„	100
Bael fruit	No.	100
Bees-wax	lb.	5
Borax	„	5
Camphor	„	15
Chiretta	„	35
Corks	No.	250
Fennal fruit	lb.	5
Ferri sulphur	„	10
Ginger, dry	„	10
Gum, Arabic	„	25
Linseed meal (powder)	„	5,000
Liquorice root	„	5
Oil, cocoanut	bots.	200
Oil, gingelly	„	50
Potass nitras	lbs.	50
Senna leaves	„	25
Sulphur, country	„	15
Sulphate of copper	„	1
Vinegar	bots.	5
Mustard, Europe	„	25

J. SMYTH, M.D., *Lt.-Col., I.M.S.*
Surgeon in charge.

Note on the nature of Malaria, how it is spread, how we may protect ourselves from it and how we must treat the disease.

1. *The Nature of Malaria.*—Not many years ago many believed that malaria was contracted by drinking bad water. It was thought to be something in the water, by swallowing which one caught the "Cold and Fever." Others again thought that one got malaria from breathing bad air in swampy places, the belief being that it was something in the air, the inhaling of which caused "Cold and Fever." But now it is known that it is nothing which we drink, nor anything which we inhale that causes "Cold and Fever". The cause of it is a very small animal which has to get into the blood, but not by swallowing nor by inhaling.

Where this very small animal came from in the first place it is difficult to say, but what is more important to know is that it lives in the blood of people who have "Cold and Fever," and in many of the people who have not active cold and fever but the big spleen which has resulted from many attacks of this disease.

2. *How the disease is spread.*—The disease is spread from one person to another by means of certain mosquitoes which live in malarious places. These mosquitoes while taking their regular meal of blood from a person who has the malaria animal in his blood, suck up also many of these animals. The mosquitoes with these animals in their stomachs then go to get a meal of blood from a healthy person, and in doing so they inject the malaria animal into the healthy man who soon developes cold and fever, while myriads of malaria animals are rapidly produced in his blood, and he becomes a source from which mosquitoes may draw infection wherewith to infect other healthy men.

This is the way malaria is spread.

3. *How to protect oneself from Malaria.*—It is clear from the above that if there were no mosquitoes there would be no malaria, and if we could prevent ourselves from being bitten by mosquitoes we should never contract malaria. The lesson is that we must try and get rid of the mosquitoes as far as possible, and if this is not entirely practicable we must keep out of the mosquitoe's way as much as possible. Now in order to maintain the existence of mosquitoes we must allow them a certain amount of stagnant water to breed in. For practical purposes it may be stated that mosquitoes cannot propagate their species without stagnant water. The secret of the extinction of mosquitoes is therefore to see that no stagnant water lies near our houses, that is, not within 500 yards of our houses. All stagnant pools must be drained, and those that cannot be drained ought to have fish grown in them if they are large, or kerosine oil poured on their surface weekly if they are small. A favorite place for malaria mosquitoes to grow is the hoof track of a bullock which may contain a quart or two of water. It is not every kind of mosquito that can spread malaria. The common mosquito that lives in dirty water in the back-yards does not spread malaria. The malaria mosquito likes clean water. Nevertheless it is well to destroy all sorts of mosquitoes, for the other kinds, if they do not spread malaria may spread other disease quite as bad. They all propagate their species in water, so the same procedure that destroys the malaria mosquito destroys the others also. So one must not keep chatties of water standing unemptied for days nor collection of dirty water undrained near the house. If we do we shall certainly be infested by mosquitoes. It is not enough that one house-holder observe these rules, every one in the village must do so. If any single villager neglects these rules he renders void the efforts of all the others, for the mosquitoes he breeds by his carelessness easily find their way into the other houses. Villagers should therefore punish any one of their members who by carelessness endanger their lives or interfere with their comfort in this way. So much for the actual destruction of the mosquito.

The next point to observe is to keep out of the mosquitoe's way as much as possible. As they only bite at night we should not expose ourselves where they exist at night. Workers should be in out of the fields before sun set. Then, if there are mosquitoes in the house itself, various methods are recommended for keeping them at a distance. The best is to sleep under a mosquito net, but only the wealthy can afford this. Filling the room with strong smoke is useful for an hour or so before lying down to rest. But unless the house is absolutely shut up the mosquitoes will come in very soon, and though the sleeper may be unconcious of it he will be bitten and perhaps inoculated with malaria. Smearing the body with certain oils is also of some use.

4. The best medicine to take for this disease is quinine which can be had very cheaply in the Post Offices, etc. For a person above 15 years, ten grains every 8 hours is the proper dose, to be continued for 24 hours after the fever ceases. Between 5 and 15 years, 2½ grains for 5 years and an extra ½ grain for each additional year. An infant 3 months old can take one grain every 8 hours—a year old can take 2 grains, and then ½ grain for each year above this till the 5th year. The medicine often causes noises in the ears but this soon passes off. A purge should always be taken before beginning quinine unless diarrhœa already exist.

J. SMYTH, M.D., *Lt.-Col.*, I. M. S.,
Offg. Sr. Surgn. & Sany. Comr., M. G.

Notification dated 22nd November 1904.

Notice is hereby given that sealed tenders will be received up to Saturday the 10th December 1904 by the Senior Surgeon and Sanitary Commissioner, Mysore Government, for the supply by contract of Country Medicines, Stationery articles, &c., required for the Medical Stores, Mysore Government, from 1st January to 31st December 1905, both days inclusive.

For particulars *vide* detailed Notification published in the *Mysore Gazette*, dated 24th November 1904.

By Order,
T. S. NANJAPPA,
Personal Asst. to Senior Surgeon & Sany. Comr. with the Government of Mysore.

Notice is hereby given that sealed tenders will be received up to 20th December 1904, by the Senior Surgeon and Sanitary Commissioner, Mysore Government, for the supply by contract, of all articles of diet, &c., required for the use of the inmates of the Lunatic and Leper Asylums, the Maternity and the Government Eye Infirmary, Bangalore, from 1st January 1905 to 31st December 1905, both days inclusive.

For particulars see *Mysore Gazette*, dated 1st December 1904.

V. ABBOY NAIDU, *Asst. Surgeon,*
for *Senior Surgeon & Sany. Comr. in Charge of Lunatic Asylum.*